

Directions: Solve the following problems. Show the numbers you used to calculate your answer. Don’t forget your labels!

1. Write down the formula for speed.
2. If you know speed and distance, what formula do you use to calculate time?
3. If you know speed and time, what formula do you use to calculate distance?
4. What is the speed of a jet plane that flies 7200 km in 9 hours?
5. The speed of a cruise ship is 50 km/hr. How far will the ship travel in 14 hours?
6. The speed of a freight train is 80 miles per hour. How long will it take the train to travel 360 miles?
7. What is the speed of a jogger who runs for 45 minutes and covers a distance of 9 miles?
8. If a car travels 45 km/hr, how far can it travel in 40 minutes?
9. The Space Shuttle travels in an orbit at 21,000 km/hr. How long will it take it to travel 68,250 km?
10. Write your own word problem solving for speed, distance, or time. Include the solution.